

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5046
Name Raymond Oil Company, Inc.
Address P.O. Box 48788
City/State/Zip Wichita, KS 67201

Purchaser

Operator Contact Person Timothy D. Hellman
Phone 316-267-4214

Contractor: License # 5929
Name Duke Drilling Co., Inc.
Art Schoenhofer

Wellsite Geologist None-Production Supt.
Phone 316/838-8574

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If **OWNO**: old well info as follows:

Operator F.G. Holl
Well Name #1-13 Means
Comp. Date 6/28/83 Old Total Depth 4733

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

2-26-87 2-28-87 3-12-87
Spud Date Date Reached TD Completion Date

4730 4618'
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 251 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

API NO. 15-007-21,625-X

County Barber

SE SE NW Sec 13 Twp 30 Rge 13 East
West

2970 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

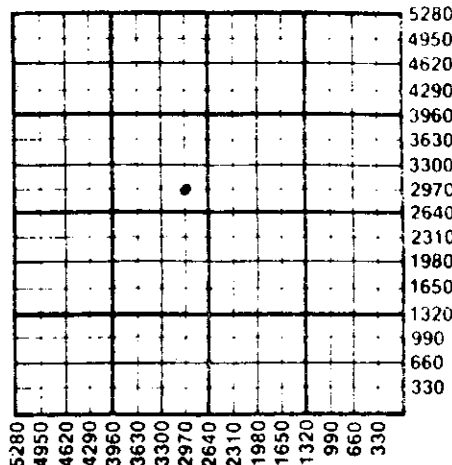
Lease Name Means Well # 1

Field Name Wildcat

Producing Formation

Elevation: Ground 1778 KB 1783

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Pond & river
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Timothy D. Hellman
Title Exploration Manager Date 4-2-87

Subscribed and sworn to before me this 2nd day of April 1987
Notary Public Shirley Wilkie

Date Commission Expires January 29, 1988

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name Raymond Oil Company, Inc. Lease Name..... Means Well #..... 1.....

Sec..... 13 Twp..... 30 Rge..... 13 East West County..... Barber

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Old Log Sample

| Name | Top | Bottom |
|---------------|-------|--------|
| Onaga Shale | 2743' | |
| Heebner | 3655' | |
| Lansing KC | 3835' | |
| Miss. Chert | 4312' | |
| Viola | 4442' | |
| Simpson Shale | 4566' | |
| Arbuckle | 4667' | |

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

| Purpose of String | Size Hole Drilled | Size Casing Set (in O.D.) | Weight Lbs/Ft. | Setting Depth | Type of Cement | #Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|----------------|---------------|----------------|-------------|----------------------------|
| Surface | 12-3/4" | 10-3/4" | | 251' | | 225 | |
| Production | 7-7/8" | 5 1/2" | 15 1/2# | 4678' | 60/40poz | 200 | |

| Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|--|-------|
| 4 | 4472'-4480' | 500 gal. 15% acid | |
| 4 | 4442'-4446' | 500 gal. 15% acid | |
| 4 | 4472'-4480' : 4442'-4446' | 7000 gal. 15% acid; 800# Rock Salt | |
| 4 | 4254'-4258' | 500 gal. 15% acid | |

TUBING RECORD Size Set At Packer at Liner Run Yes No

Date of First Production Producing Method
 Flowing Pumping Gas Lift Other (explain).....

| Estimated Production Per 24 Hours | Oil Bbls | Gas MCF | Water Bbls | Gas-Oil Ratio | Gravity |
|-----------------------------------|----------|---------|------------|---------------|---------|
| | | | | | |

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify)
 Dually Completed Commingled